



OCT 2013 | ISSUE 3

HELLO WORLD!

Memperkasakan
masyarakat terpencil
dengan ICT

INNOVATION IN MIND

Designing educated
decisions

STROLLING DOWN UNIMAS STREET

Building UNIMAS
Streeview

THINK
BIG
DREAM
BIG



ISSN 2289-2176



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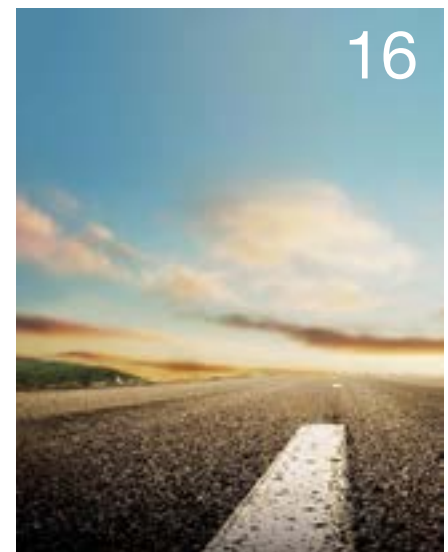
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DARI MEJA KETUA PUSAT

Assalamualaikum dan Salam Hormat.

Setinggi-tinggi syukur kehadiran Allah swt kerana kita masih diberi kesempatan untuk bersama di dalam Tag-it edisi ketiga.

Selaras dengan tema pada kali ini, saya ingin menekankan pentingnya inovasi dan amalan terbaik dalam penggunaan ICT, seperti yang dinyatakan dalam salah satu misi Pelan Strategik ICT UNIMAS.

Kadang-kadang tanpa kita sedari, kita telah menggunakan idea kreatif dan inovasi; atau menggunakan amalan terbaik dalam penghasilan sesuatu produk mahupun perkhidmatan. Kesannya dapat dilihat melalui peningkatan kecekapan perkhidmatan, pengurangan kos atau pun penjimatan masa.

Dengan itu, PKTMK berusaha menggalakkan staf ICT untuk menegenahkan produk atau perkhidmatan; hasil dari cetusan idea kreatif mereka.

Alhamdulillah, pada Majlis Anugerah Gemilang UNIMAS (MAGU) 2013, beberapa hasil inovasi ICT telah menerima pengiktirafan; iaitu untuk Anugerah Inovasi Naib Canselor dan Anugerah Inovasi Pengurusan.

Satu lagi pencapaian adalah penerapan amalan terbaik ICT melalui pelaksanaan ISMS (Information Security Management System). Laporan hasil auditan SIRIM adalah sangat positif tanpa penemuan sebarang NCR. Oleh itu pihak SIRIM telah mengesyorkan supaya UNIMAS diberi pensijilan ISO/IEC 27001:2007. Jutaan terima kasih kepada semua yang terlibat.

Akhir kata dari saya, marilah kita sama-sama terus ikhlas dalam melaksanakan tugas dan buatlah dengan sehabis baik. Anggaplah pemberian anugerah atau pengiktirafan sebagai suatu bonus.

UNIMASku sayang

Harun Maksom
- KETUA PUSAT

FROM THE EDITOR

1905 was the year Albert Einstein published his *Annus mirabilis* (Latin for “extraordinary year”) papers in the *Annalen der Physik* scientific journal.

In this “extraordinary year”, his four published articles would set the stage for the foundation of modern physics and change the view of the universe for all man-kind.

It is indeed an extraordinary feat.

Firstly, the fact that Einstein had little access to the knowledge of the day and secondly, being a lowly patent officer - writing from the Patent Office in Bern, Switzerland, he was not in learned company; often times writing and working alone. Yet his body of work continues to resonate till this very day.

UNIMAS, much like Einstein, sits within an obscure part of the world. Though located in the island of Borneo, UNIMAS resonates with the spirit of discovery and innovation far surpassing its peers, creating a state of ‘*annus mirabilis*’ from year to year.

In this issue of Tag-it aptly titled “**Think Big, Dream Big**”; we bring to the fore-front, the various ICT works that have been winning accolades both locally and internationally.

All started as a thought, an idea or a dream that became reality, very much like Einstein’s body of work. Yet all are successes that put UNIMAS on the map for ground-breaking innovative ideas.

Maclean Patrick

Penyediaan sokongan infrastruktur dan infostruktur ICT akan diberikan perhatian sebagai platform untuk menyuburkan aktiviti pengajaran dan penyelidikan demi memastikan UNIMAS terus relevan dan setanding dengan IPT di seluruh dunia. UNIMAS telah dikenali sebagai Universiti Berdasarkan Teknologi dan imej tersebut perlu terus diperkasakan di mata masyarakat serantau dan antarabangsa.

YBHG PROF DATO' DR MOHAMAD KADIM BIN SUAIDI
NAIB CANSELOR UNIMAS
Petikan Amanat Naib Canselor, 26 Jun 2013

OnTHE MOVE



THE MICROSOFT LAB @ FCSIT

A laboratory contributed by the Ministry of Education and situated at the Faculty of Computer Science and Information Technology is now ready for use. It is outfitted with 25 computers and installed with the latest Microsoft software and situated in a conducive lab environment to suit. Opened on Monday – Fridays from 8am to 5pm, the Lab Booking Form can be obtained at the faculty website: <http://www.fcsit.unimas.my>



CERTIFICATION AUDIT STAGE 2: MS ISO/IEC 27001:2007

The Information Security Management System (ISMS) Certification Audit stage 2 was held on the 12 and 13 September 2013. The SIRIM auditors passed CICTS with flying colours, with zero (0) Non Conformance Reports (NCR) in their findings. With this, UNIMAS is certified MS ISO/IEC 27001:2007 compliant.





SMARTPHONE SURVEY

For the month of September, the centre has embarked on a Smartphone Survey to gauge the type of smart devices that are available on campus. The survey also would help in determining the types of mobile applications that the Centre for Information and Communication Technology Services (CICTS) would develop in the near future.

UNIMAS ICT Strategic Plan (2013-2015)

The UNIMAS ICT Strategic Plan (2013-2015) has been approved by the Technical Committee for Information Services, UNIMAS. The document will be printed and distributed by CICTS to all departments, institutions and centres of the university.



UNIMAS Network Upgrade

The UNIMASNet that connects the university to the Internet has gone through a major upgrade. The upgrade puts the network at 1 Gbps, a huge improvement from the previous 170 Mbps.



MANAGEMENT INNOVATION AWARD 2012

- PerforMS

The Management Innovation Award 2012 was awarded to the team from the Quality Assurance Division and the Centre for Information and Communication Technology Services (CICTS) which developed the Performance Management System (PerforMS) at the recent Majlis Anugerah Gemilang UNIMAS (MAGU) 2013 held on the September 18th 2013. This award recognizes innovative ideas that has helped management processes in the university.

Objektif projek ini untuk *menggunakan ICT sebagai agen pembangunan manusia* yang berterusan di kalangan masyarakat daerah terpencil di Sarawak tercapai apabila *setiap sebuah rumah* di Bario kini mempunyai sekurang-kurangnya *seorang keluarga yang mampu menggunakan komputer.*



Hello World!

Memperkasakan masyarakat terpencil dengan ICT
Oleh Mahani Huja Husin
Centre for Information and Communication Technology Services



Lokasi :

Timur-Laut Sempadan Kalimantan-Sarawak, 3280 kaki dari aras laut.

Suhu : 20 Celcius

Populasi : 1200

Kaum Etnik : Kelabit

Bahasa : Kelabit, Bahasa Inggeris, Bahasa Melayu

Sumber ekonomi : Kraf tangan, Pertanian

“Hurm, saya taip, padam, taip dan padam lagi. Entah berapa kali saya mengulangi perbuatan yang sama.

Profesor Madya Dr Alvin Yeo Wee (Dr Alvin) bukanlah orang asing bagi saya. Semasa belajar dahulu, beliau merupakan pensyarah kegemaran saya. Dan semestinya tugasan untuk menemuramah beliau, membuat saya teruja dan sedikit segan.

Pernah tak dengar mengenai projek eBario? ”

Bario merupakan sebuah daerah yang terpencil yang terdiri daripada 12 perkampungan yang berkelompok di dalam lingkaran kawasan berjarak 3 ½ batu.

Kampung-kampung ini sinonim dengan kawasan alur sungai; ini jelas kerana nama kampung yang bermula dengan perkataan ‘Arur’ dan ‘Pa’ masing-masing membawa maksud ‘anak sungai’ dan ‘sungai’. Apabila membincangkan mengenai betapa terpencilnya Daerah Bario ini, bayangkan perjalanan melalui denai selama berminggu-minggu ataupun menyusuri sungai selama dua hari. Sememangnya perjalanan yang amat jauh dan memenatkan. Namun begitu, keperitan perjalanan ini telah dapat dielakkan dengan adanya perkhidmatan kapal terbang, yang turut menghubungkan Bario dengan dunia luar, hanya melalui satu jam masa penerbangan.

Selawat tahun 1999, perkampungan dan pekan-pekan kecil di kawasan utara Bumi Kenyalang ini masih mengalami jurang digital yang amat besar berbanding kawasan-kawasan bandar .

Di saat masyarakat bandar sudah sibuk membimbit telefon bergelar ATUR (ya, memang perlu dibimbit sebab saiznya agak besar), penduduk di kawasan pendalaman masih berutus surat, dan jika ada kecemasan, perkhidmatan telegram akan digunakan.

Siapa sangka Daerah Bario yang terpencil, tiada bekalan elektrik, tiada talian telefon serta jarang dikunjungi kerana faktor geografinya, kini sudah memiliki bekalan elektrik yang boleh digunakan walaupun bukan 24 jam. Talian telefon dan internet telah mula digunakan 3 tahun kemudian (setelah projek eBario dimulakan) iaitu pada pertengahan 2001.

Bagaimana semua ini tercapai?

Projek eBario sememangnya merupakan satu rahmat yang tidak disangkakan. Projek ini telah membuka jalan kepada masyarakat di Bario; mereka mula kenal penggunaan teknologi, dan sekaligus taraf hidup penduduk di situ meningkat.

Selain dari talian telefon, penduduk Bario kini telah mempunyai laman web, telecentre dan radio yang dikendalikan sendiri oleh masyarakat di sini. Lebih hebat, mereka juga menganjurkan eBario Knowledge Fair, Slow Food Festival dan Communication hub.

Objektif projek ini untuk menggunakan ICT sebagai agen pembangunan manusia yang berterusan di kalangan masyarakat daerah terpencil di Sarawak tercapai apabila setiap sebuah rumah di Bario kini mempunyai sekurang-kurangnya seorang ahli keluarga

atching up with the ighlanders

abit people in Bario Highlands, one of
st remote areas in Sarawak, now have
wn community radio station, the first
ation in the country.



In tune
three w
deejays
left) Con
Esther S
and Lucy
among t
pioneer
broadcast
of studio

yang mampu menggunakan komputer. Projek ini turut memberi ruang kepada penduduk untuk meningkatkan taraf sosio-ekonomi mereka.

Setelah **14 tahun** berlalu dengan pelbagai anugerah yang telah dimenangi di peringkat kebangsaan dan antarabangsa, projek eBario kini menjadi model kepada projek-projek lain di Lamai, Buayan, Larapan, Ba'kalalan, Kuala Lipis, Gua Musang, Pos Betau dan 17 Pusat Jalur Lebar Komuniti (CBC). Walau bagaimanapun skop dan pelaksanaan projek adalah berbeza mengikut lokasi. Sehingga kini, eBario masih lagi menjadi tumpuan para penyelidik dari dalam mahu pun luar negara dalam pelbagai bidang.

Saya ambil maklum bahawa Dr Alvin, ketua pasukan eBario, bukanlah orang yang pertama memulakan projek ini. Pengasas eBario adalah Dr Roger Harris, yang juga merupakan pensyarah saya dahulu dan beliau sering menjadikan eBario sebagai contoh di dalam kelas.

Dalam menerajui projek ini, sudah tentu Dr Alvin menghadapi pelbagai cabaran lebih-lebih lagi pengkhususan beliau adalah di dalam bidang *Human Computer Interaction* (HCI) yang sedikit berbeza dengan skop eBario. Walau bagaimanapun, berbekalkan minatnya yang cenderung untuk mencuba sesuatu yang baharu, beliau menyahut cabaran tersebut dan turut mengambil kesempatan untuk membuat kajian mengenai HCI di dalam projek tersebut. Beliau turut berkongsi tips mengenai kunci kejayaan projek ini, dimana beliau menegaskan bahawa kerjasama dari semua pihak amatlah penting.

“Kita perlu bersikap merendah diri dan mesra supaya mendapat kerjasama padu dari masyarakat. Dengan cara itu, masyarakat akan lebih bersikap terbuka dan tidak takut untuk menyuarakan pendapat,” kata beliau.

Ditanya mengenai motivasi, beliau menyatakan bahawa beliau sentiasa positif dan gembira semasa menjalankan tugasnya. Mendengar jawapan beliau yang begitu bersemangat, saya juga turut termotivasi.

Mengenai masa depan projek tersebut, beliau sambil berseloroh, menyatakan bahawa sudah sampai masanya untuk golongan muda mengambil alih projek tersebut. Dengan adanya suntikan tenaga kerja muda dalam projek tersebut, golongan senior yang arif dan berpengalaman boleh berehat seketika sambil merancang langkah untuk melakukan sesuatu yang lebih mencabar.

Ingin mengorak langkah dengan lebih jauh, Dr Alvin yang kini juga merupakan Pengarah, Institute of Social Informatics and Technological Innovations berkata bahawa mereka akan meneruskan projek ini untuk tujuan komersil.

Selamat maju jaya kepada Dr Alvin dan pasukan.



Technology is nothing. What's important is that you have a faith in people, that they're basically good and smart, and if you give them tools, they'll do wonderful things with them.

- Steve Jobs



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Speedminer Sdn. Bhd. is a global Solution Provider for Business Intelligence and Performance Management System with offices in Malaysia (HQ), Singapore and Australia. Our home grown product – Speedminer has been recognized as an innovated, cutting edge technological IT produce and has won many awards. Speedminer is currently used in over 26 countries including USA, Canada, Australia, New Zealand, UK and many Europe countries, Middle East, China, India, South Africa etc. (check out www.speedminer.com for more information).

Speedminer Sdn. Bhd. is at Lot 7.01, Level 7, 1 Tech Park, Tanjung Bandar Utama, 47800 Petaling Jaya, Selangor (1 Tech Park formally occupied by Sony Malaysia). We are seeking individuals with interest in the area of our business to join us to further expand our business.

Title: Analyst Programmer – 5 Vacancies

Job description

- ⇒ Responsible to design, research and develop applications (Data Mining, Business Intelligence, Performance Management, Scorecard/KPI, Charting, Statistically model, Data Warehouse, Integration etc.) using the web technologies and will actively involve in designing, coding, testing and implementation of products and services. **OR**
- ⇒ Responsible in implementation and management of projects, these shall include activities pre LIVE, during LIVE and post LIVE i.e. training, preparation of documentation and support.

Job requirements

- Possess the qualification of Diploma/ Bachelor in Computer Science/ Mathematics/ Science/ IT related qualification **OR**
- Have strong knowledge/ skill in any one of the area of Maths/ Statistics/ web programming/ database/ problem solving **OR**
- Interested/ Experienced in development/ implementation of any one of the area of Business Intelligence/ Data Mining/ Enterprise Application Integration/ Workflow Management/ Hospital Information System/ Laboratory Information System.



Fresh graduates may apply.

*Please call Ms.Yap at 03-7727 4417(office)/ 012-7880 251 (mobile) or e-mail to kuifun@hesper.com.my for immediate interview appointment.

Senarai anugerah yang telah dimenangi 2 tahun terakhir:

2013

Information Society Innovation Fund (ISIT) Asia Fund Awards - Innovation on Access Provision

eTORO: Indigenous Botanical Knowledge Management System of Penans, Bali

1st Global Telecentre Awards - Best Global Telecentre Innovation Award: eBario Innovation Village, Granada, Spain.

2012

eBario selected as a case study in the project "ICT and ODL in Education for Rural Development (iERD): Good and Best Practices" by UNESCO International Research and Training Center for Rural Education

Ngerabit eLamai represented Malaysia along with 29 entries at the annual International APICTA Awards (2012) in Brunei.

MSC Malaysia APICTA 2012 Awards - MERIT Award, Best of e-Inclusion and e-Community, Ngerabit eLamai: Penans Employing ICT for Rural Socio-Economic Transformation, Kuala Lumpur,

MAGU 2012 - Highest International R&D Grant/ Endowment Secured by A Research Group, APT J3 Malaysia Project

Silver Medal, Internal UNIMAS R&D Expo 2012, Indigineous Technological Innovation in Malaysia : Reducing vulnerability and Marginalization among malaysia's indigenous peoples.

Internal UNIMAS R&D Expo 2012 - 5 Projects submitted:

(1) Needs Analysis in Developing Telecentre among Orang Asli in West Malaysia.

(2) Remote Rural Children as Indigenous Community's Cultural Preservation Agents : An Empowerment for Heritage Maintenance.

(3) Complementing Formal Learning Experience of Rural Remote Learners via My KLiKs.

4) Capitalising on Android Technology for Remote Rural Children to Capture Local Knowledge.

(5) Indigineous Technological Innovation in Malaysia: Reducing vulnerability and Marginalization among malaysia's indigenous peoples.

HOW CRAZY, STUPID AND FOOLISH BECAME THE NEW SMART

"First he told me it was a STUPID idea... and the he agreed to come on board."

— *Pierre Omidyar*

EBAY's 112 million worldwide users trade \$2.457 worth of goods on the site every second

"The ones who are CRAZY enough to think they can change the world are the ones that do."

— *Richard Branson*

VIRGIN employs 50,000 people in 34 countries in more than 7 industries

"Stay hungry. Stay FOOLISH."

— *Steve Jobs*

In just 10 years, **APPLE** grew from just two guys in a garage into one of the world's most valued brands: a \$2 billion company with over 4000 employees.

"The FOOL doth think he is wise, but the wise man knows himself to be a fool."

— *William Shakespeare*

SHAKESPEARE is credited by the Oxford English Dictionary with the introduction of nearly 3,000 words into the English language.

"A lot of people thought it sounded STUPID... Even some of our engineers weren't interested."

— *Biz Stone*

"We allow NO GENIUSES around our studio."

— *Walt Disney*

DISNEY is a leading diversified international

"Are you CRAZY? Stick my face on the label of salad dressing?"

— *Paul Newman*

NEWMAN'S OWN has resulted in \$350 million in contributions to nonprofit organizations worldwide.

"If you're not doing something CRAZY, you're doing the wrong things."

— *Larry Page*

GOOGLE has grown to serve hundreds of thousands of users and customers around the world.

"[I] approached several lawyers

who thought my idea was so
CRAZY that they later admitted
thinking I had been sent by
Candid Camera.” [The hosiery
manufacturers] all thought the idea
as STUPID or didn’t make sense.”

— Sara Blakely

*SPANX have been amazingly successful in the
hosiery market, growing from \$5,000 to over \$
1 billion in just over a decade.*

family entertainment and
media enterprise.

In a few short years, TWITTER has
grown to accommodate over 1 billion
tweets every 72 hours.



“Many men are afraid of
being considered FOOLS.
But it is not a bad thing to
be a fool.”

— Henry Ford

*FORD MOTORS saw the innovation
of large scale manufacturing of
automobiles and has remained a
major auto maker for over 100 years.*

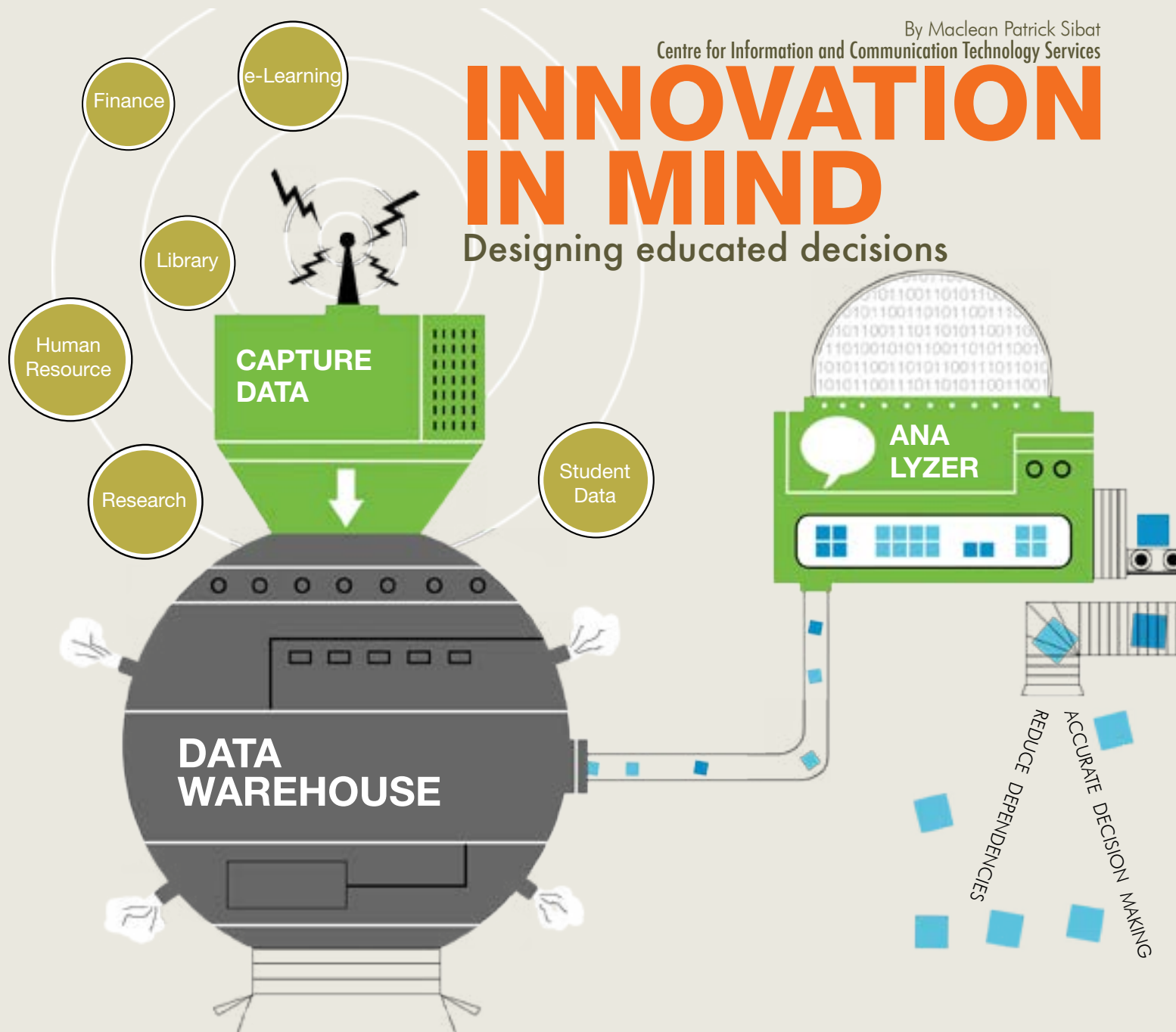


“And by definition, a breakthrough idea looks like a
STUPID idea. If everybody recognized the idea as a
breakthrough idea, it wouldn’t be a breakthrough
at all.”

— Ben Horowitz

*ANDRESSEN HOROWITZ is a Silicon Valley venture firm that
backed Facebook, Instagram, Skype, Twitter, Foursquare, Pinterest,
Groupon and many more.*

WHAT’S YOUR STUPID IDEA?



The smallest decisions can have the biggest impact and this was the premise for the Intelligent Mining and Decision Support System or InMinds, a Business Intelligence tool for top management in UNIMAS to make strategic and decisive decisions.

InMinds was first developed by the Centre for Information & Communication Technology Services in 2009 and would continue to provide UNIMAS's management the tools needed to run a successful university. It is a "one stop" collection centre for the various streams of information, so needed in making educated decisions.

A survey conducted revealed that Business Intelligence tools have and are currently being developed in other universities such as Universiti Teknologi Malaysia, Universiti Pendidikan Sultan Idris and Universiti Malaysia Terengganu, but the scope covered deferred in the number of databases used. In UNIMAS, InMinds main data streams are sourced from

fifteen (15) databases and more than five (5) Excel files.

InMinds was designed to incorporate as much information as possible, and to tabulate the data into a visual representation that would be understood by management. Available through the UNIMAS Portal, a singular gateway; InMinds grants access to the Vice Chancellor, Deputy Vice Chancellors, Deans and Deputy Deans, Head of Departments and the Quality Assurance Department to all the necessary data.

Various departments were responsible for the development of InMinds, bringing together a myriad collection of skills and expertise both technical and non-technical, academic, industry quality standards and financial procedures, and

process, it has improved the efficiency of decision making and the effectiveness of the process. Various other impacts were immediately noticeable.

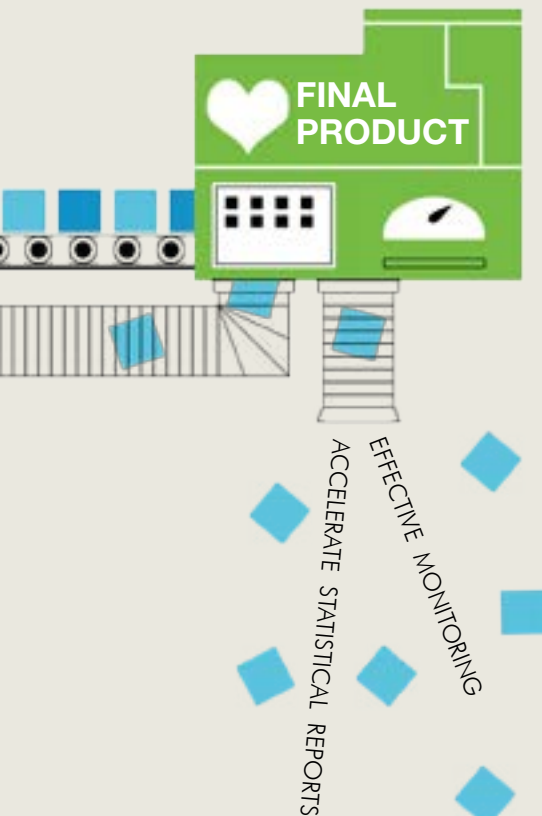
Firstly, it brought forward the importance of having good first-hand information. By having all information converge onto a “one-stop” centre, other systems such as the **Student Management System**, **Integrated Financial Accounting System** and **Human Capital Management System** have had to improve their data collection and ensure the integrity of their information. Secondly, users of InMinds were made aware of the importance of having correct information stored in central repositories that were available for the viewing of those that needed such information. Thirdly, InMinds improved the reporting capabilities of UNIMAS to various other agencies such as the Education Ministry, the university’s senate committee and various working committees.

The Vice Chancellor Innovation Award or Anugerah Inovasi Naib Canselor

(AINC) UNIMAS is the highest award, conferred by the Vice Chancellor, for innovative ideas in UNIMAS. It is awarded for projects that show innovation and contributes to the betterment of how the university goes about its core business.

InMinds bested three other submissions and was awarded the AINC challenge trophy and RM20, 000 in prize money, during the Majlis Anugerah Gemilang UNIMAS (MAGU) on the 18th September 2013.

Not wanting to rest on its laurels, InMinds has further innovative features in mind as it continues to move forward in assisting the management of UNIMAS in making smart decisions.



from those in the under-graduate department.

Built on top of a locally developed software – **Speedminer**; InMinds was further customised to meet the needs of UNIMAS and is on par with big name Business Intelligence tools such as **IBM Cognos**, **Oracle Hyperian**, **Business Object (SAP)**, **SAS** and **QPR Scorecard**. This ability to mix it with the big players has garnered interest from other institutions of higher learning, who have all paid visits to UNIMAS, just to see InMinds in action.

The impact of InMinds has been multi-facet. The impact of InMinds is significant onto the decision making

In 2013, the Centre for Information & Communication Technology Services submitted InMinds for the Anugerah Inovasi Naib Canselor (AINC).



EXCELLENT ACHIEVEMENT: From left, Vice Chancellor Innovation Award team members Flora Bungan Belang, Latifah Loh Abdullah, associate professor Dr Mohd Ibrahim Salleh, Mohd Zain and Harun Maksom receiving their award from Morshidi. Also seen are Yusoff Basimin, Hetta and Mohamed Kodim. — Photo by Chimmon Upon

259 Unimas staff receive awards

BY EVE SONARY HENG

KOTA SAMARAHAN: A total of 250 staff of Universiti... Various awards were also given to individuals excelling in teaching, research, administration as well as...

In 2011, he said they... the Vice-Chancellor In... Award to recognise th...

STROLLING DOWN UNIMAS STREET



RECREATIONAL LAKE PARK

KAYAKING, BOATING & WATER RECREATIONAL ACTIVITIES

Stroll along this beautiful lake park after a busy day, join water recreational activities to release your stress or just enjoy the amazing sunset view.

360 VIEW

WIKI

Developed by:

Assoc. Prof. ZulKalnain b Zainal Abidin

Prof. Dr. Narayanan Kulathuramaiyer

Mohd Roffizal b Romali

Adam ak Francis

Who would have thought a casual chat with the Head of the centre, would lead to a seven month adventure and eventually to the launch of a tool that would introduce UNIMAS, in a fresh new way, to a global audience?

Khairilzamrie Rosle remembers well, how his casual suggestion was well received and the nod was given for him to pursue his idea. As head of the Open Source Unit, it was his job to seek out new and forward looking technologies to apply to solve real world issues in UNIMAS. In this case, his thoughts turned to the question, "How do we increase the visibility of UNIMAS?"

He stumbled over the answer while gathering information, in preparation for his role in the university's Global Outreach Program. Why not give visitors to UNIMAS's website, the ability to navigate the campus virtually, but at street level? It was possible, it was feasible and down-

right cool. The tool could be linked to the UNIMAS Wiki, giving visitors additional information on the campus and also allow visitors visual access to the departments on campus. A virtual tour that was accessible not only through a desktop computer but also via mobile devices.

And if UNIMAS pulled it off, it would be the first among the universities in Malaysia.

But being number one would mean you would have to crack the code on how to do it. And crack it UNIMAS did.

So on the 23rd February 2013, a working committee was set up with members from the Centre for

Information and Communication Technology Services, the Faculty of Applied and Creative Arts, the Faculty of Computer Science and Information Technology and the Faculty of Cognitive Sciences and Human Development, a mix that gathered together a team that had photography, videography and programming skills.

Headed by Associate Professor Haji ZulKalnain Zainal Abidin, the working committee was tasked with realising the idea, albeit the fact that the project would not have any funding and would have limited equipment and resources at hand.

Google Street View had already set a precedence to what was expected



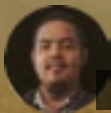
FSS

FACULTY OF SOCIAL SCIENCES

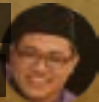
Faculty of Social Sciences is one of the pioneer faculties in UNIMAS. The faculty offers multidisciplinary-based academic programmes to undergraduates in the various fields of social sciences, incorporating both theory and practice.

360 VIEW

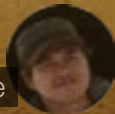
WIKI



Mohd Affendi b Azizan



Muhd Lazarwardi b Jamaludin



Khairilzamrie b Rosle

By Latifah Loh Abdullah & Maclean Patrick Sibat
Centre for Information and Communication Technology Services

with a street level navigation experience. But UNIMAS Street View would be developed along similar lines using a totally different platform.

The project was developed using major open source technologies such as CSS3, HTML and Javascript. The development team took cues from 360langstrasse.sf.tv, which won the Site of the Day: FWA (21 Nov 2011), Site of the Year: AWWWARDS (24 Jan 2012), Creation Gold & Gold Innovation: Best of Swiss Web (28 Mar 2012) dan Nomination: Grimme Online Award (8 May 2012).

The team chose application engine created by Hinnderling Volkart AG as the main engine to power the application and to create the 360 degrees of view, the team choose to use the Salado Flash Player, in place of the Krpano Player that 360langstrasse.sf.tv used.

And among all things, the weather played a major role in the development of the system; something no human has yet to manage. For on a good day, the team could drive through the campus; gathering the photographs needed to build the 360 degree world of UNIMAS Street View and to create the illusion of driving or walking the roads of UNIMAS.

What may have started as a casual piece of conversation, was successfully launched by the State Secretary of Sarawak, Tan Sri Morshidi Abdul Ghani during the Majlis Anugerah Gemilang UNIMAS (MAGU) on 18th September 2013.

Development has not ceased, there are already plans in the pipe-line to further include the East Campus and also to allow visitors the chance to walk into buildings.

Take the adventure today
<http://www.unimas.my/streetview>
and experience strolling down
UNIMAS street.

DR BOX P



UNIMAS WIKI Telling the story

By Shahron Saman
Centre for Academic Information Services

We are very much familiar with Wikipedia, a project that believes every person on this planet deserves to gain access to information. It is a living encyclopedia of knowledge that grows from day to day.

But what if you wanted more information about UNIMAS? Have you ever been frustrated with searching the web, looking for references to UNIMAS but didn't even get the right information?

Help is on the way. Presenting to you the UNIMAS Wiki!

What is the UNIMAS Wiki?

The UNIMAS Wiki is developed by The Centre for Information & Communication Technology Services (CICTS) and managed by Centre for Academic Information Services (CAIS).

It is not another Wikipedia Initiative, but it is derived from the idea of sharing information in the Wikipedia style, helping you to find information about UNIMAS in every aspect you can ever imagine.

The information is enriched by the input of the whole UNIMAS community. From the Vice Chancellor to the UNIMAS students, all can contribute entries concerning UNIMAS.

To ensure the most accurate data is retained in the system, the UNIMAS community is allowed to make corrections to the information given. Contributors to this wiki will be duly mentioned as each and every contributor will be known through their unique login IDs.

The UNIMAS Wiki is a bold step in allowing the university's community to take part in writing the UNIMAS story for future generations to see. It is a project that is in constant motion and relies heavily on the contribution of each and every UNIMAS citizen. Let's make it a success and be a part of telling the UNIMAS story to the world.

MANAGING YOUR EMAIL INBOX

Working smart using IBM Lotus Notes

By Nurul Izzah bt Nasir
Centre for Information & Communication Technology Services

The Centre for Information & Communication Technology Services (CICTS) is constantly looking at solutions to aid the university in achieving a low carbon footprint when it comes to using paper. Some little known feature within IBM Lotus Notes is the ability to compact your email application and to archive your emails.

COMPACTING

Compacting your email database should be done after deleting mail, tasks, invitations, or other documents from your email account. Compaction reduces the size of the application and helps return free space to you. Take note that the "exceeding threshold" or "over quota message" message that normally signals your quota limits, will not go away until compacting is done to the account.

To compact your Lotus Notes account, take the following steps:

1. Open a Notes application.
2. Click **File > Application > Properties**.
3. Click the **Info** tab.
4. Click **% used**.
5. If the percentage of an application in use drops below 90% (it contains more than 10% unused space), click **Compact**.

ARCHIVING

If you are not ready to delete your emails, then archiving them would free space and help save a copy of your email to another location on your computer. The copy on the email server will be removed after a copy has been made. It is encouraged that archiving be a regular practice in maintaining your email account.

To Setup and Schedule Archiving in Lotus Notes:

1. Open the Lotus Notes Client and go to your **Inbox**.
2. Click on **Actions**, and choose **Archive**, and then **Create Criteria**.
3. In the **Descriptive name of these archive criteria** field, type the name for your archive e.g *Monthly*
4. Check the box next to **Enable this Criteria**.
5. Click the **Selection Criteria...** button.
6. Use the options below **All documents** to choose your preferred time line.

We suggest using **Older Than 1 Month, so that any messages you have put in your specified folder within the past month will remain in your email account.*

7. Click **OK**, and then **Yes** to save your Archive Criteria.
8. Check the **Schedule archiving** box and adjust the time to run as you would like.

**This schedule will be applied to all criteria that have been enabled.*

9. Once all of the settings for the scheduling are updated, click **OK**.

To Run your Archive:

1. Click **Actions**, and choose **Archive Now**.
2. Click **Yes**.

EMAIL ETIQUETTE

WRITE CAREFULLY

An email represents your thoughts and will be kept for some time. It is evidence of your thoughts and opinions so choose how you wish to be remembered.

SIGN YOUR EMAILS

Knowing who wrote the email is always good, so sign your email with, at least, your name. This allows people to send a reply email to compliment you.

USE BCC CORRECTLY

If you are sending email to several people who do not know each other, use the BCC field. The BCC field will hide their addresses and protect their identity.

ADDRESS YOUR EMAILS CORRECTLY

Certain addresses are group email lists and your email will be sent to members of the group even-though the address indicate just one person.

STAY CALM

Don't reply email when you are angry. Angry emails can easily find their way where you least expect them to go.

BE DIPLOMATIC

Remember that there is another human being at the other end of the email and they may take offence at a "fiery" email.

BE BRIEF

Novels should be confined to books and not email. Keep things brief and to the point. A good challenge is to keep your emails to three (3) sentences only. Try it.

BE CAREFUL WITH ATTACHMENTS

If need be, inform the person first if you plan to send a large attachment so they can make the necessary preparations.

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STRATEGIC REVIEW INITIATIVES

Driving UNIMAS to be a paperless organization

By Safawi, M.I., Zen, K, Alias, S.M., Sahmat, S.L. & Zamri, M.H.M.
Strategic Planning and Quality Management Center (SQC)

Back in 1994, UNIMAS was amongst the pioneer higher education institutions in Malaysia to communicate through emails by using the Eudora application. It was also the first institution to have a web address using a dot my (<http://www.unimas.my>).

Interestingly, UNIMAS was the first institution to install a massive fiber optic networking backbone in its campus.

UNIMAS still take pride in itself as being branded an ICT savvy organization. Taking cue from these achievements, UNIMAS has recently embarked on an ambitious strategic plan to become a paperless organization.

There are two strategic agendas that are ICT related. They are the Strategic Objective (SO) called “Intensive ICT setting” and Strategic Review Initiatives (SRI) called “Driving UNIMAS to become a paperless organization”.

In this article the authors shared some insights into these two noble initiatives.

The SO “Intensive ICT setting” aimed to produce measures that ensure the functional use of ICT applications amongst UNIMAS staff.

In any ICT application system, there are two main players: the system owners and system developers. For example, the PerforMS application system is owned by the Strategic Planning and Quality Management Center and the system is maintained by its developer, that is, the Center for Information and Communication Technology Services (CICTS). Having developed many online applications, it is appropriate that the usability of these applications be monitored as one of the UNIMAS BSC KPIs.

Under the SO, the KPI for all Faculties is the number of courses actively using the UNIMAS online Morpheus system every semester. Through this measure UNIMAS expects the

number of lecturers actively using Morpheus in their teaching-learning activities to increase. On the other hand, there is also another KPI that measures the active use of various online systems developed for other divisions in UNIMAS. To name a few, this include the e-Adu, InMinds, IRIS and etceteras. This KPI measures the percentage of active use of these various UNIMAS online application systems by counting the audit trail of each application. Through the SO, UNIMAS wants to ensure that all systems developed by CICTS are genuinely functional and have an impact onto the processes in UNIMAS.

The SRI is called “Driving UNIMAS to become a paperless organization” has two simple objectives of consolidating all the online systems into one integrated element and developing urgently needed ones.

The champion for this project is CICTS itself. The expected outcomes from this agenda include the mapping of UNIMAS business process, enhancing of record ownership, creating a one stop centre for all online services, introducing a single sign-on process and developing an ICT savvy culture amongst UNIMAS staff. Hitherto, all strategic activities under this SRI has been progressing smoothly and are almost reaching the 40% mark.

The wishful



hope of producing this ICT magazine is meant to educate and update UNIMAS community on ICT news and the editors deserved compliments for their hard work in producing this magazine.

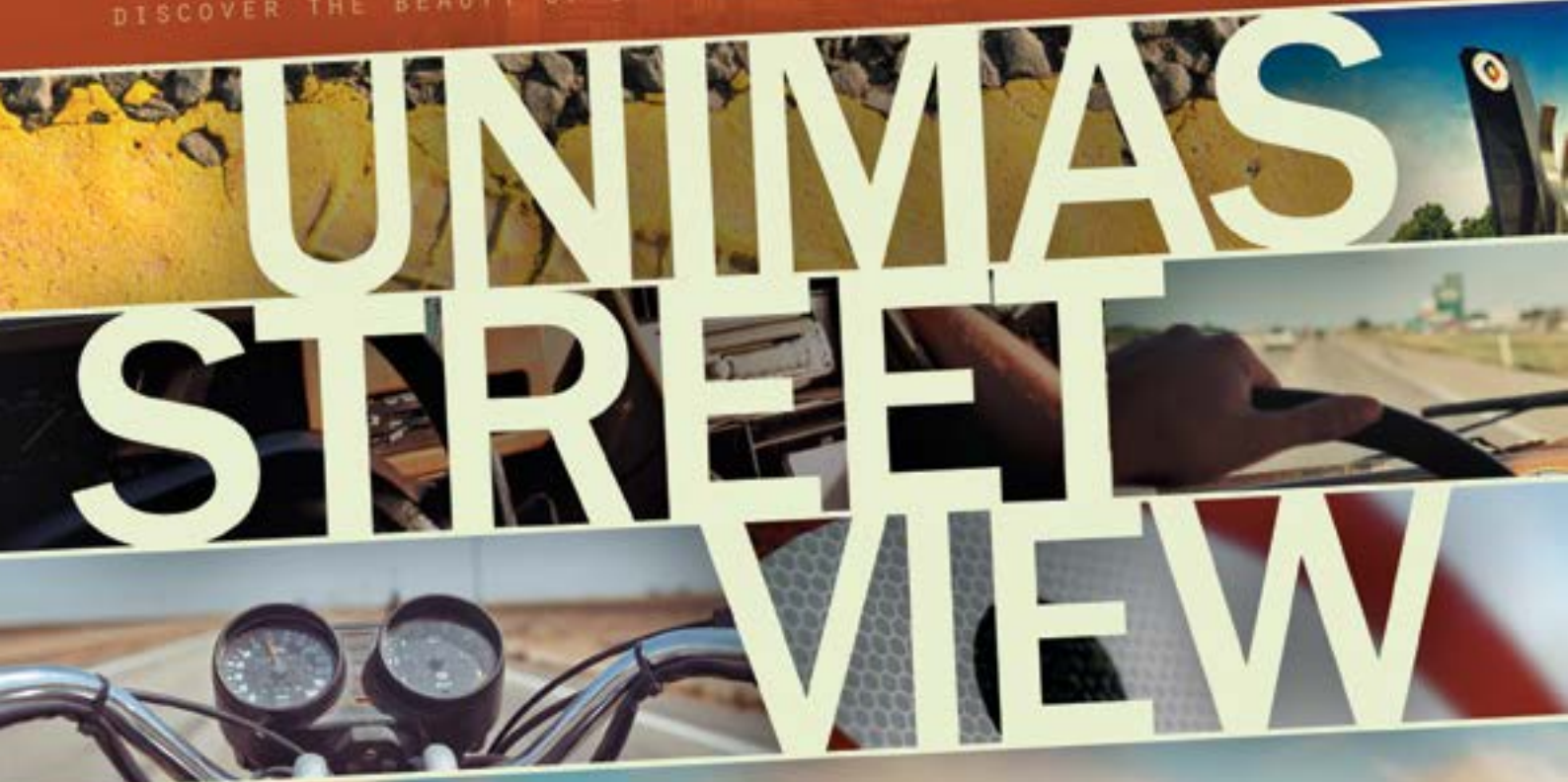
It is with utmost hope and sincerity that management can rely on its staff members, in general and CICTS, in particular to drive the above strategic agendas. The process of transformation has to bear results and change is inevitable.



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